

(NY-6033)

Physicochemical Investigations of Barium and Iron
Titanates, by M. I. Shchepochkina, 96 pp.

RUSSIAN, paper, Trudy Instituta Geologii Rudnykh
Mestorozhdeniy, Petrografii, Mineralogii i
Geokhimii, No 11, pp 1-62.

JPRS 9645

Sci - M/Metals - Chem

Aug 61

2
164053

Ovchinnikov, L. N. and Shur, A. S.
RESEARCH OF INFILTRATION SOLUTIONS UNDER
PRESSURE (Issledovanie Infil'tratsii Rastvorov pod
Davlaniem). [1962] [59]p. (foreign text included)
12 refs.

Order from OTS or SLA \$5.60

62-16421

Trans. of Akademiya Nauk SSSR. Institut Geologii
Rudnykh Mestorozhdenii, Petrografii, Minealogii i
Geokhimi. Trudy, 1956, no. 6, p. 57-72.

DESCRIPTORS: *Geochemistry, Solutions, Metals,
*Porous filters, Marble, Semipermeability, Pres-
sure, Ion exchange.

With the aid of special apparatus, the filtration effect
was studied for the solutions CuSO_4 , CaSO_4 , MgSO_4 ,
 MnSO_4 , NiSO_4 , Na_2SO_4 , CaCl_2 , and NaCl , filtrating
through a marble filter under a pressure of 2, 4, 6,
and 8 atm. With an increase in pressure there is also
(Chemistry--Physical, TT, v. 8, no. 9) (over)

62-16421

I. Ovchinnikov, L. N.
H. Shur, A. S.

Office of Technical Services

Ol'shanski, Ya. I. and Ivanenko, V. V.
MECHANISM OF THE TRANSFER OF SUB-
STANCES IN THE FORMATION OF HYDROTHER-
MAL SULFIDE DEPOSITS (Mekhanizm Perenosa
Veshchestv pri Obrazovanii Gidrotermal'nykh
Mestorozhdenii Sul'fidov). [1961] [116]p. (31 figs.
19 tables omitted) 4 refs.
Order from OTS or SLA \$9.60

61-15963

Trans. of [Akademiya Nauk SSSR, Institut Geologii
Rudnykh Mestorozhdenii, Petrografi, Mineralogii i
Geokhimi. Trudy] 1958, no. 16, 76p.

DESCRIPTORS: Solubility, *Sulfides, Solutions,
Temperature, Geology, Hydrology, Crystallation.

Experimental investigations were made on the solu-
bility of the principal sulfides in aqueous solutions at
different temperatures. It was confirmed that the
(Earth Sciences--Geology, TT, v. 7, no. 8) (over)

61-15963

I. Ol'shanski, Ya. I.
II. Ivanenko, V. V.
III. Geological Survey of
Canada

201394

Office of Technical Services

61-19564

TRANSACTIONS OF THE INSTITUTE OF GEOLOGY
FOR ORE DEPOSITS, PETROGRAPHY, MINERALOGY
AND GEOCHEMISTRY. [1959] no. 28: [SELECTED
ARTICLES]. [1961] 223p. (figs. tables omitted).
Order from OTS or SLA \$15.00 61-19564

Trans. of [Akademiya Nauk SSSR, Institut Geologii
Rudnykh Mestorozhdenii, Petrografi i Mineralogi i
Geokhimi. (Trudy, 1959] no. 28, p. 5-137 and
142-148ff.

DESCRIPTORS: *Geology, *Geochemistry, *Minerals,
*Ores, *Deposits, Salts, Selenium, Uranium,
Garnet, Tin, Lead, Ethylenedinitrilo tetracetates,
Acetates, Sodium, Complex compounds,
Radiochemistry.

Contents:
Some problems of the geochemistry of the catagenesis
(Earth Sciences--Geology, TT, v. 7, no. 2) (over)

1. Title: Trilon B
1. Geological Survey of
Canada

155358

Office of Technical Services

Role of Studies of Structures of Ore Deposits and
Physicomechanical Properties of Rocks in Determining
Conditions of Localization of Endogenic Ores, by
F. I. Vol'fson, L. I. Lukin. 7 pp.

RUSSIAN, per, Trudy Akad Nauk SSSR, Inst Geol
Rudnykh Mestorozhdenii, Petrografii, Mineralogii i
Geokhimii, No 41, 1961, pp 5-14.

AGI in International Geology Review, Vol 6, No 4,
pp 589-595.

Sci/Earth Sci
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Principal Types of Structures in Ore Fields and
Ore Deposits of the South Fergana Mercury-Antimony
Belt, by V. P. Fedorchuk. 15 pp.

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Geologii Rudnykh Mestorozhdenii, Petrografii,
Mineralogii i Geokhimii, No 41, 1961, pp 15-36.

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pp 596-611

Sci/Earth Sci
May 67

326,754

On Certain Relationships in the Distribution of
Rare Metal Pegmatite Fields, by A. I. Ginzburg.
8 pp.

RUSSIAN, per, Trudy Akad Nauk SSSR. Institut
Geologii Rudnykh Mestorozhdenii, Petrografii,
Mineralogii i Geokhimii, No 41, 1961, pp 37-47.
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pp 612-619

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Structure of Kumba Gabbroid Massif and the Associated Magnetite Mineralization (Northern Urals),
by E. V. Sveshnikova. 16 pp.
RUSSIAN, per, Trudy Akad Nauk SSSR. Inst Geol
Rudnykh Mestorozhdenii, Petrografii, Mineralogii i
Geokhimii, No 41, 1961, pp 48-66.
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pp 768-783.

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A New Morphologic Type of Skarn Formation in the
Tur'yinsk Copper Deposits, by G. S. Norshtein.

5 pp.

RUSSIAN, per, Trudy Akad Nauk SSSR. Institut Geologii
Rudnykh Mestorozhdenii, Petrografii, Mineralogii i
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AGI in Internat. Geology Review, V.6, No 5, pp 763-767

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Structural Features of the Shakhtamin Molybdenum
Deposit, by V. I. Sotnikov. 10 pp.
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Relative Elasticity of Rocks as a
Controlling Factor in Ore-Deposition,
by G. G. Kravchenko, 10 pp.
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i Geokhimii, No 4, 1961, pp 158-170.
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Sci
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Changes in the Porosity of Host Rocks
in Certain Ore Deposits of Northern
Tadzhikistan, by Yu. A. Rozanov, B. V.
Kristal'nyi, E. M. Nekrasov, M. D.
Pushkovskaya, 6 pp.

RUSSIAN, per, Trudy Akademii Nauk SSSR,
Institut Geologii Rudnykh Metastroshedenii,
Stratografii Mineralogii i Geokhimi.
No 41, 1961, pp 171-177.

AGI in International Geology Review,
v. 6, no. 11, pp 1987-1992.

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Studies of Fine Fissuring in Detailed
Mapping and an Examples of "Ore-Knots"
in Primor'ye, by I. N. Tomsen, 5 pp.
RUSSIAN, per, Trudy Akademii Nauk
SSSR. Institut Geologii Rudnykh
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pp. 18-29-, 70-103.

OTS-TT-64-19833

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The Content of Mercury in Certain Natural Waters,
by N. Kh. Aydin'yan, 10 pp.
RUSSIAN, per, Trudy Inst Geol Rudnykh
Mestorozhdeniy, Petrograf, Mineralog, i Geokhim-
Voprosy Geokhim, No 70 (III), 1962, pp 9-14.
JPRS 23931

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Apr 7 1964

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Estimation Stocks of Young Gobies in the
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Rashchepurin.

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MLL RTS-3112

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Sci - Earth Sciences & Oceanography
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The Problem of Mercury Migration in the Supergene
Zone, by A. A. Saukov, N. Kh. Aydin'yan, et al, 14 pp.
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The Feldspars, Phase Relations, Optical Properties, and Geological Distribution, by
A. S. Marfumin,
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CISTI TT 65-50091

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Determination of Small Quantities of Mercury in Natural
Objects, by N. Kh. Aydin'yan, 26 pp.
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JPRS 23931

Sici Ear Sci
Apr 64

253, 767

Some Data on the Transition of Mercury in a Solution
With the Interaction of Cinnabar, Metallic Mercury
and Mercuric Sulfide With Distilled and Natural Water,
by nN. Kh. Aydin'yan, 7 pp.
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Sci - Ear Sci
Apr 64

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Problem of the Distribution of Mercury in Modern
Deposits, by N. Kh. Aykin'yan, N. A. Ozerova, et al,
10 pp.
RUSSIAN, per, Trudy Inst Geol Rudnykh Mestorozhdeniy,
Petrograf, Mineralog, i Geokhimiya 1963, pp 5-11.
JPRS 23931

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Sci - Ear Sci
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Problem of the Hypergenic Migration of Mercury, by
N. Kh. Aydin'yan, G. A. Belayskaya, 5 pp.
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JPRS 23931

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Minerals of the Khibinskiy Massif, by
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Types of Ore Indicators Used in Prospecting for
Hidden Mercury Antimony Deposits, by V. P. Fedorchuk,
17 pp.

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JPRS 23931

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Sci - Ear Sci
Apr 64

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Isotopic Composition of Sulfur in Rock and Minerals
of the Nikitva Mercury Deposits in the Donbass, by

V. I. Vinogradov, 16 pp.

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Petrograf, Mineralog, i Geokhim, 1963, pp 154-164.

JPRS 23931

1099,

Sci - Ear Sci
Apr 64

253, 775

61-27803

Skopintsev, B. A., Gulin, F. A. and others.
CONTENT OF PRINCIPAL SALINE CONSTITUENTS
OF BLACK SEA WATER AND CERTAIN PROBLEMS
OF WATER CIRCULATION. [1961] [32]p. 28 refs.
Order from OTS or SLA \$3.60 61-27803

I. Skopintsev, B. A.
II. Gulin, F. A.
III. Translations, New York

Trans. from Akad[emiya] Nauk SSSR. Morakoi
Gidrofizicheskii Inst[itut]. Trudy] 1958, v. 13.

DESCRIPTORS: *Black Sea water, *Salinity, Ocean
bottom, Chemical analysis.

At five points in the open Black Sea, from surface to
the sea floor, 55 water samples were collected to
determine their content of the principal saline consti-
tuents, in which connection the sum of Ca^{++} and Mg^{++}
as well as Ca^{++} separately were determined by the
complexometric method. Compared with oceanic
water, the mean values of the chlorinity ratios in the
(Earth Sciences--Oceanography, TT, v. 7, no. 9)
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Works of the Mining Institute, 1 pp.

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1954, Encl to IR-1819-55, AA Paris, Apr 1955. CIA
D 222999.

AF 664029

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Sci - Minerals/Metals, mining

Econ - Industry

CHANGES IN THE FLOTATION PROPERTIES OF
SULPHIDE SURFACES AS A RESULT OF THE ACTION
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NLL RTS 1936

SCI - ENGR

JUN 62

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Reducing Resistance In Curves in Pneumatic Fill
Installations, by I. F. Goncharevich, 32 pp.

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Sci
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(SF-2212)

I. N. Plaksin, 5 pp.

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JPRS 13882

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Sci - Earth Sci & Astron
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Smirnova, N. V.
TYPES OF CEMENT IN SAND STONES AND SILT
STONES. 13 Nov 61, 24p. 24 refs.
Available on loan from SLA 63-10224

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Razrabotki Goryuchikh Iskopaemykh. Trudy 1960, v. 1,
p. 247-269.

DESCRIPTORS: Rock (Geology). *Sandstone, Porosity,
Permeability, *Cements, Minerals, Bonding, Hydraulic
reservoirs, Petroleum, Gases, *Silt.

(Earth Sciences--Geology, TT, v. 9, no. 4)

63-10224

I. Smirnova, N. V.

Office of Technical Services

Characteristics of the Fissuring Process in
Coke, by E. M. Taitis. Z. S. Tyabina.

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pp 41-52.

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Trudy A.K. Nauk SSSR Doryuch Iskopae.

Investigation in the Field of Humic Acids, by
T. A. Kukhareenko.

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Ak Nauk SSSR, Vol 11, 1950, pp 208-226.

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Br of Bituminous Coal Res,
Wash, D. C.

Sci - Chem
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CSIRO 3539

Sci - Min/Met, Fuels
Aug 62

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CSIRO 3543

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Investigation of Bituminous Coal Hydrogenation at
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B. A. Kazanskiy, M. G. Gontsberg, 18 p.

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Study of Asphaltene of a Heavy Oil of the Hydro-
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SLA R-3653

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Shrinkage and Fracturing of Coke. (Theory of the
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Sci - Fuels
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Scientific Principles of the Improvement of
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CSIRO 3584

Sci - Engr

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Laws Governing Gasification With Steam and
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The Petrographic Characteristics of Coals in Relation
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CFSTI TT 61-15962

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NLL M.3413 61-15962
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Sci -

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The Development of the Technology of the Continuous
Coking Coal and Investigation of the Raw Material
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The Large-Scale Laboratory Model Apparatus of the
Institute of Fuel for the Continuous Coking of Coal,
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NIL M. 3360

CFSTE II 61-15962

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Sci - Engr

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Use of a New Coking Method for Making Metallurgical Fuel From Weakly Caking Coals of the Chermekhovo Deposit, by G. V. Speranskaya, Yu. M. Skvortsov.

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CRL/T.703

Sci
Dec 62

Investigation of the Process of Production
of Briquetted Metallurgical Fuel From Donbas
Gas Coals, by G. V. Speranskaya, D. A.
Tsikarev.

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Baroken Hill Prop Co Ltd
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Sci - Fuels
Apr 62

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Prospects of Obtaining Metallurgical Fuel
From the Minusinsk Basin Coals, by A. E.
Bresler.

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CRL/T.803

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Investigation of the Minusinsk Basin Coals for
the Purpose of Production of Moulded Metallurgical
Fuel, by A. E. Bresler, N. P. Kazakevich.

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~~X~~Goryuchikh Iskopaemykh, Vol X, 1959,
pp ~~137-142~~. 77-79

CRL/T. 768 804

Sci
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Production of Briquetted Metallurgical Fuel
From Weakly Caking Low Rank Coals of the
Roumanian and Polish People's Republics,
by M. T. Emtsev.

RUSSIAN, per, Trudy Ak Nauk SSSR,
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CRL/T.709

Sci
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Production of Briquetted Coke From Kuznets Gas and Weakly Caking Coals and Their Blends, by V. K. Letova, et al.

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CRL/T.766

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Investigation of the New Process for the Production
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Karaganda Coals, by A. K. Konovalov.

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pp 104-125.

CRL/T.767

Sci
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Peculiarities of the Production of Moulded Coke from
Oxidised Coals of Lowered Caking Capacity, by
N. K. Konovalov, G. V. Speranskaya.

RUSSIAN, per, Trudy Ak Nauk SSSR, Inst
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CRL/T.620

Sci
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Production of Metallurgical Coke From
Noril'sk Weakly Caking Coals, by R. A.
Geguchadze, L. G. Demidov.

RUSSIAN, per, Trudy Ak Nauk SSSR, Inst
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CRL/T.768

Sci
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Effect of Inert and Leaning Additives on the
Process for Obtaining Moulded Coke From Coals
With a Lower Caking Capacity, by A. K.
Kononov.

RUSSIAN, per, 'Trudy Ak Nauk SSSR, Inst.
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Broken Hill ~~WHP~~ Prop Co Ltd
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Sci - Min/Met
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Liquid Products of the Caking Stage in the
Process of Continuous Coking of Coals,
by M. T. Entsev, A. A. Krichko.

RUSSIAN, per, Trudy Inst Goryuchikh
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Broken Hill Prop Co Ltd
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Gas Permeability as a Criterion of the Formation
of a Plastic Coal Mass During Coking, by G. V.
Speranskaya.

RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Goryuchikh
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CRL/T.619

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Dynamics of Linear Shrinkage and Weight
Losses in Briquettes During Their Coking,
by G. V. Speranskaya, A. I. Golovanov.

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paemykh Ak Nauk SSSR, No 10, 1959,
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Sci - Min/Met
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Investigations of the Relation Between the
Permissible Heating Rates for Fuel Briquettes
and Their Size and Shape, by N. P. Kazakevich.

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Iskopaemykh, Vol X, 1959, pp 182-195.

CRL/T.692

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Thermal Diffusivity of Coal Mouldings and
Their Thermally Treated Products, by
N. D. Kusakin, et al.

RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Goryuchikh
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CRL/T.640

Sci
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Laboratory Methods for Determining the Properties
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